

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 2

**Complete if Known**

Application Number	10/658,491
Filing Date	09/08/2003
First Named Inventor	Nash, Peter
Art Unit	1644
Examiner Name	Huynh, Phuong N
Attorney Docket Number	93485

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
PAK	A	US- 5,196,193	03/23/1993	Carroll, Sean B.	
	B	US- 5,585,098	12/17/1996	Coleman, Marilyn A.	
	C	US- 5,919,451	07/06/1999	Cook, et al.	
	D	US- 4,933,364	06/12/1990	Ivy, et al.	
	E	US- 5,367,054	11/22/1994	Lee, Young-Zoon	
	F	US- 4,550,019	10/29/1985	Polson, Alfred	
	G	US- 5,753,228	05/19/1998	Sterling, et al.	
	H	US- 4,748,018	05/31/1988	Stolle, et al.	
	I	US- 5,753,268	05/19/1998	Stolle, et al.	
	J	US- 5,080,895	01/14/1992	Tokoro, Hideo	
		US-			
		US-			
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		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (# known)				

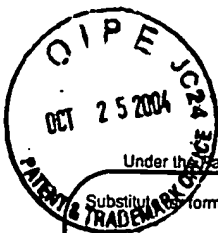
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Attorney Docket Number	93485

Sheet	2	of	2
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### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Pnk	K	CHARLEY, Helen and WEAVER, Connie; "Foods: a Scientific Approach;" Third Edition; Merrill/Prentice Hall; New Jersey 1998; pg. 350.	
	L	COOPER et al.; "Effect of Rumesin and Feed Intake Variation on Ruminant pH;" 1997 Beef Index Report; <a href="http://animalscience.unl.edu/beef/br97/EFFRUMEN.html">http://animalscience.unl.edu/beef/br97/EFFRUMEN.html</a> ; pgs. 49 - 52.	
	M	DAMRON, W. Stephen; "Introduction to Animal Science: Global, Biological, Social and Industry Perspectives;" Prentice Hall; New Jersey 2000; pgs 57 -58.	
	N	GODFREY, et al.; "Virginiamycin to Protect Sheep Fed Wheat, Barley or Oats from Grain Poisoning under Simulated Drought Feeding Conditions;" Aust. J. Agric. Res. Vol. 46; Australia 1995; pgs 393 - 401.	
	O	NAGARAJA, T. G. and CHEGAPPA; M. M.; "Liver Abscesses in Feedlot Cattle: A Review;" J. Anim. Sci., Vol. 76; US 1998; pgs 287 - 298.	
	P	GOAD et al.; "Ruminal Microbial and Fermentative Changes Associated with Experimentally Induced Subacute Acidosis in Steers;" J. Anim. Sci., Vol 76; US 1998; pgs 234 -241.	
	Q	NOCEK, James E.; "The Link Between Nutrition, Acidosis, Laminitis and Environment;" <a href="http://www.afns.ualberta.ca/Hosted/WCDS/Proceedings/1996/wcd96049.htm">http://www.afns.ualberta.ca/Hosted/WCDS/Proceedings/1996/wcd96049.htm</a> ; Canada 1996; pgs 1-13.	
	R	OWENS et al.; "Acidosis in Cattle: A Review;" Journal of Animal Science, Vol 76, Issue 1; US 1998; pgs 275 - 286.	
	S	PLAIZIER et al.; "Studies on the Rumen Physiology and Metabolic Function with Pre- and Postpartum Administration of Rumensin CRC in the Dairy Cow;" <a href="http://home.cc.umanitoba.ca/~plazier/rumensin.html">http://home.cc.umanitoba.ca/~plazier/rumensin.html</a> ; Canada; pgs 1-11.	
✓	T	RUSSEL, James B. and HINO, Tsuneo; "Regulation of Lactate Production in Streptococcus bovis: A Spiraling Effect that Contributes to Rumen Acidosis;" Journal of Dairy Science, Vol 68, US 1985; pgs 1712 - 1721.	

Examiner Signature	Date Considered
<i>[Signature]</i>	12/16/05

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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